Docket No.: M4065.0239/P239-B

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Larry Hillyer, et al.

Application No.: Not Yet Assigned

Group Art Unit: N/A

Filed: July 3, 2002

Examiner: Not Yet Assigned

For: METHOD AND MATERIAL FOR

REMOVING ETCH RESIDUE FROM HIGH ASPECT RATIO CONTACT

SURFACES

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents Washington, DC 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. This Information Disclosure Statement accompanies the new patent application submitted herewith.

Those patent(s) or publication(s) which are marked with an asterisk (*) in the attached form PTO/SB/08 (facsimile) are not supplied because they were previously cited by or submitted to the Office in the parent application no. 10/188,147 or the grandparent application 09/653,561.

The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0239/P239-B. A duplicate copy of this paper is enclosed.

Dated: February 27, 2004

Respectfully submitted.

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+ Approved for use through 10/31/2002.OMB 0651-0031

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Sui	bstitute for form 144	9A/PTO		Complete if Known		
				Application Number	Not yet assigned	
1 8		ON DIC		Filing Date	August 31, 2000	
	STATEMEN	_	CLOSURE PPLICANT	First Named Inventor	Larry Hillyer	
				Group Art Unit	2811	
	(use as mar	ny sheets as ne	ecessary)	Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	M4065.0239/P239-B	

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	U.S. Patent Document Kind Code ² Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear	
*	Α	4,324,611		Vogel et al.	04/13/82	<u> </u>	
*	В	5,846,387		Hoffman et al.	12/08/98		
*	С	5,296,729		Yamanaka et al.	03/22/94		
*	D	5,928,960		Greco et al.	07/27/99		
*	E	5,948,702		Rotondaro	09/07/99		
*	F	5,872,061		Lee et al.	02/16/99		
*	G	5,444,018		Yost et al.	08/22/95		
*	Н	5,409,563		Cathey	04/25/95		
*	1	5,658,438		Givens et al.	08/19/97		
*	J	5,800,617		Sandhu	09/01/98		
*	K	5,746,903		Beilin et al.	05/05/98		
*	L	5,939,777		Zuniga	08/17/99		
*	М	5,656,414		Chou et al.	8/12/97		
*	N	5,641,545		Sandhu	6/24/97		
*	0	6,291,890		Hamada	9/01		
*	Р	6,284,664		Kawai	9/01		
*	Q	6,030,901		Hopper et al.	02/00		
*	R	6,242,165		Vaartstra	06/01		
*	S	6,342,446		Smith et al.	1/2002		
*	T	6,265,453		Deboer et al.	4/2002		
*	U	6,277, 733		Smith	8/2001		

				FOREIC	ON PATENT DOCUMENTS	3		
Examiner Initials*	Cite No.1	Office ³	Foreign Patent Do Number ⁴	cument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
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¹Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.